

ABSTRACT

***P. ARIASI POLYPEPTIDES, P. PERNICIOSUS POLYPEPTIDES AND
METHODS OF USE***

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Substantially purified salivary *P. ariasi* and *P. perniciosus* polypeptides, and polynucleotides encoding these polypeptides are disclosed. Vectors and host cells including the *P. ariasi* and *P. perniciosus* polynucleotides are also disclosed. In one embodiment, a method is disclosed for inducing an immune response to sand fly saliva.

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In other embodiments, methods for treating or preventing *Leishmaniasis* are disclosed.